

LEJMAN, Kazimierz; BOGDASZEWSKA-CZABANOWSKA, Jadwiga; MASLOWSKA, Krystyna

A case of acute pseudo-gonorrheal venereal urethritis (urethritis pseudo-gonococcica venerea acuta). Przegl. dermat. 49 no.1:1-7 '62.

1. Z Kliniki Dermatologicznej AM w Krakowie Kierownik: prof. dr K. Lejman.

(URETHRITIS microbiol) (NEISSERIA infect)
(GONORRHEA diag) (PENICILLIN ther)

LEJMAN, Kazimierz; BOGDASZEWSKA-CZABANOWSKA, Jadwiga

Comparative studies of the morphology and cyto-genesis of the Sternberg cell in histological preparations and tissue smears. Przegl. dermat. 51 no.5:521-532 S-O '64

On syphilitic primary lesions complicated with secondary pyogenic bacterial infections. Ibid.:539-545

1. Z Kliniki Dermatologicznej Akademii Medycznej w Krakowie (Kierownik: prof. dr. K. Lejman).

BUGDASZEWSKA-MABANOWSKA, Jadwiga

Experimental studies on the fungicidal action of some antimycotic drugs applied topically. Przegl. dermat. 51 no. 5: 567-570 S-O '64

1. Z Kliniki Dermatologicznej Akademii Medycznej w Krakowie.
(Kierownik: prof. dr. K. Lejman).

BOGDATYAN, M.

"Au sujet de l'action desensibilisante des salicylates." Guelstein, E., Rapoport, J., et Bogdatian, M., (p. 581)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 18, No. 1.

[illegible]

COMMON ELEMENTS										COMMON VARIABLES INDEX									
<i>cc</i> <i>KREBETYPIC 116</i>										<i>116</i>									
PROCESSES AND PROPERTIES INDEX																			
Protein change in blood and tissue in cases of rheumatic arthritis and infectious arthritis. M. G. Iugodanov and R. H. Gurevich. <i>Klin. Med.</i> (U.S.S.R.) 18, No. 7-8, 122-9(1940); <i>Chem. Zentr.</i> 1941, 1, 1184. In a case of rheumatic arthritis a slight increase in the protein value in blood and tissue was observed. The fibrinogen fraction remained constantly increased, while the globulin content was variable. In infectious arthritis there was observed neither hyperproteinemia nor increase of tissue protein but constant hyperglobulinemia and fibrinogen fluctuation. In acute cases the shifting of proteins toward the coarsely dispersed fractions was particularly noticeable.																			
M. Hosek																			
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM DIVISION																			
SECTION 1										SECTION 2									
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SECTION 5										SECTION 6									
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SECTION 93										SECTION 94									
SECTION 95										SECTION 96									
SECTION 97										SECTION 98									
SECTION 99										SECTION 100									

Bogdat'yeva, D. Ya.

"Effect of Petroleum Cracking Products on the Animal Organism,"
by A. G. Bogdat'yeva senior scientific associate, and D. Ya. Vid, scientific associate, Scientific Research Institute of Roentgenology, Radiology, and Oncology, Ministry of Health Azerbaydzhan SSR, Gigiyena i Sanitariya, Vol 22, No 5, May 57, pp 37-40

Experiments were conducted on rabbits to determine the effect of petroleum cracking products -- gasoline, kerosene, and cracking residues -- on the animal organism. The products were applied cutaneously to the outer surface of the ear in doses of one milliliter to one kilogram of body weight. The experiments established that the cutaneous application of the products produced local changes in the skin as well as modifications in a number of internal organs. Local changes were marked by hyperplastic and inflammatory manifestations. The general effect on the animals was marked by intense emaciation and finally death. Of the internal organs, the liver and the sexual organs were affected severely. No cancerogenic effect was noted. (U)

Shim 1967

BOGDAVADZE, N. V., CHANTLADZE, T. L., NASKIDASHVILI, I. D., MOGULISHVILI, L. M.,
GVAKHARIA, V. V., and ABASHIDZE, K. A.

"Neutron Activation Analysis of Manganese Ore"

paper presented at the All-Union Seminar on the Application of
Radioactive Isotopes in Measurements and Instrument Building,
Frunze (Kirgiz SSR), June 1961)

So: Atomnaya Energiya, Vol 11, No 5, Nov 61, pp 468-470

BOGDENKO, Mariya Lukinichna; SOBOLEV, P.N., doktor istoricheskikh nauk,
otv.red.; ZELENNIN, I.Ye., red.izd-va; MARKOVICH, S.G., tekhn.red.

[Establishment of state grain farms during 1928 - 1932] Stroitel'-
stvo sernovykh sovkhov v 1928 - 1932 gg. Moskva, Izd-vo
Akad.nauk SSSR, 1958. 250 p. (MIRA 12:7)
(State farms) (Grain)

BOGDENKO, N.

New way of worker training. Prof.,-tekh. obr. 20 no.4:29-30 Ap
'63. (MIRA 16:5)
(Leningrad—Evening and continuation schools)

BOGDENOVICH I. I. kand. med. nauk

Treatment of scleroderma with ultrasonics. Zdrav. Belor. 5 no.3:
44-45 Mr '59. (MIRA 12:7)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zaveduyushchiy -
professor A. I. Kartamyshev) Tsentral'nogo instituta usovershenstvo-
vaniya vrachey (direktor V.P. Lebedeva).
(SCLERODERMA) (ULTRASONIC WAVES--THERAPEUTIC USE)

BOGDEV, At., inzh.

Installation for the study of metal relaxation. Tekhnika Bulg 11
no.7:274-275 '62.

BOGDEV, At.; STOICHEV, L.

Graphic method for determining strains and stresses of the carrying rope in the cable cranes with a stationary fastening of the rope in various positions of the car in the span. Godishnik: khim tekhn 9 no. 1:263-282 '62[publ.'63].

MAL'NEV, A.F.; KREMENCHUGSKIY, L.S.; BEREZKO, B.N.; SHEVTSOV, L.N.;
BOGDEVICH, A.G.; KIRILLOV, G.M.; CHASHECHNIKOVA, I.T.;
YARMOLENKO, N.A.; OFENGENDEN, R.G.; SERMAN, V.Z.;
DALYUK, Yu.A.; BEREZIN, F.N.; KONENKO, L.D.; SHALEYKO, M.A.;
SHEVCHENKO, Yu.S.; STOLYAROV, V.A.; KIRILLOV, G.M.; BOGDEVICH, S.F.;
LYSENKO, V.T.; BRASHKIN, N.A.; SKRIPNIK, Yu.A.; GRESHCHENKO, Ye.V.;
TUZ, R.M.; SERPILIN, K.L.; GAPCHENKO, L.M.

Abstracts of completed research works. Avtom. 1 prib. no.3:90-91
Jl-S '62. (MIRA 16:2)

1. Institut fiziki AN UkrSSR (for all except Skripnik,
Greshchenko, Tuz, Serpilin, Gapchenko). 2. Kiyevskiy
politekhnicheskiy institut (for Skripnik, Greshchenko, Tuz,
Serpilin, Gapchenko).

(Research)

MAL'NEV, A.F.; KREMENCHUGSKIY, L.S.; BEREZKO, B.N.; SHEVTSOV, L.N.;
BOGDEVICH, A.G.; KIRILLOV, G.M.; CHASHECHNIKOVA, I.T.;
YARMOLENKO, N.A.; OFENGENDEN, R.G.; SERMAN, V.Z.;
DALYUK, Yu.A.; BEREZIN, F.N.; KONENKO, L.D.; SHALEYKO, M.A.;
SHEVCHENKO, Yu.S.; STOLYAROV, V.A.; KIRILLOV, G.M.; BOGDEVICH, S.F.;
LYSENKO, V.T.; BRASHKIN, N.A.; SKRIPNIK, Yu.A.; GRESHCHENKO, Ye.V.;
TUZ, R.M.; SERPILIN, K.L.; GAPCHENKO, L.M.

Abstracts of completed research works. Avtom. i prib. no.3:90-91
Jl-S '62. (MIRA 16:2)

1. Institut fiziki AN UkrSSR (for all except Skripnik,
Greshchenko, Tuz, Serpilin, Gapchenko). 2. Kiyevskiy
politekhnicheskij institut (for Skripnik, Greshchenko, Tuz,
Serpilin, Gapchenko).

(Research)

36 GDOYE V. A. S.
211. Sedukanyan, A. Ya., and Bogdanov, A. I., The penetration

considered as a mirror into the top part in the wide ...
the submerged part of the cone and ...

... given the distance ...
that the force exerted by the weight of the cone is directed ...
the formation of the equation for this movement, author likewise
... fact that the wetted surface of the cone will be
... submerged part of the cone ...

25356

S/O32/61/027/006/007/018
B124/B203

1.8000 (1045, 1496, 4016)

188200

AUTHORS:

Prigorovskiy, N.I., and Bogdyl', P.T.

TITLE:

Determination of permanent deformation by the method of transparent, optically sensitive layers

PERIODICAL:

Zavodskaya laboratoriya, v. 27, no. 6, 1961, 721-724

TEXT: To study the states of stress and deformation on the surface of parts, a method with transparent, optically sensitive films has recently been used; a thin layer of optically sensitive material is applied to the surface of the part during its loading; this thin layer is deformed simultaneously with the surface. Polarized light passes the layer, is reflected from the metal (or other) surface, and passes once more the layer and the analyzer. The phase difference of the rays, due to birefringence, $\delta = 2t_{\text{layer}} C(\sigma_1 - \sigma_2)$ layer, where δ is the linear phase

difference, $C = \lambda / \sigma_0^{(1,0)}$ the optical stress coefficient of the layer

material, t_{layer} the thickness of the layer, $\sigma_0^{(1,0)}$ the optical material

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Determination of permanent ...

constant of the layer with respect to stress, and λ is the wavelength of the light used. A level state of stress ($\sigma_3=0$) exists on the surface of

the piece and in the layer; therefore, $(\sigma_1 - \sigma_2)_{\text{layer}} = [(\epsilon_1 - \epsilon_2)_{\text{layer}} \cdot E_{\text{layer}}] / [1 + \mu_{\text{layer}}]$, where E_{layer} is the elastic modulus, and μ_{layer} the Poisson coefficient of the layer. On the premise that the deformation of the layer and that of the piece surface are equal, the following holds: $(\epsilon_1 - \epsilon_2)_p = (\delta/2t_{\text{layer}}) \cdot [(1 + \mu_{\text{layer}})/C \cdot E_{\text{layer}}] = \begin{bmatrix} \epsilon^{(1,0)}_0 & 0 \\ 0 & \epsilon^{(1,0)}_0 \end{bmatrix} (1 - \mu_{\text{layer}}) / E_{\text{layer}} \cdot (m/2t_{\text{layer}})$, and, after introduction of the optical deformation

constant of the material; $(\epsilon_1 - \epsilon_2)_p = \epsilon^{(1,0)}_0 m/2t_{\text{layer}}$, where m is the order of the interference band. By this method, it is possible to measure deformation in the elastic, the elastoplastic, and the plastic ranges since the proportionality between the deformations of the layer and the order of the interference band for the majority of optically sensitive materials used for this purpose (including the ЭД6-М (ED6-M) material most used in the Soviet Union) at room temperature holds, up to $\epsilon=2$, until 3%, and at

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25356 S/032/61/027/006/007/018
B124/B203

Determination of permanent ...

100 - 130°C, up to $\epsilon = 5$, until 7%. By the same method, it is also possible to measure the permanent deformation under loads beyond the flow limit; here, the layer is applied before loading the part, the part is loaded, and after release the optical phase difference due to permanent deformation is measured. An MП-7 (MP-7) polarization microscope was used for accurately measuring the order of the interference bands in the layer and determining the permanent deformation. As an example, the authors describe the determination of permanent deformation after releasing a flat specimen subjected to pulling stress with a width of the working part of 12.2 mm, a thickness of 2.9 mm, and a central opening of 4.6 mm diameter. The

specimen was made of Д1АТ (D1AT) aluminum alloy ($E = 7.1 \cdot 10^4 \text{ kg/mm}^2$;

$\sigma_s = 19 \text{ kg/mm}^2$; $\sigma_B = 38 \text{ kg/mm}^2$). A plate, 1.4 mm thick, made of cold-

hardening ЭД6-М (ED6-M) adhesive, is glued onto the specimen before loading.

After aligning the edges of the plate with those of the specimen, and

drilling the hole, the specimen is loaded with $P = 610 \text{ kg}$ beyond

the flow limit. The nominal mean load in the weakened cross section

$\sigma'_{\text{nom}} = \left[610 / (12.2 - 4.6) \cdot 2.9 \right] = 27.6 \text{ kg/mm}^2 > \sigma_s$. Fig.3 shows a diagram

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B124/3203

Determination of permanent ...

of the V-shaped reflection polariscope used for taking the interference bands of the whole specimen. The order of the bands m on the circumference of the opening in the specimen and in the interspace between the bands were measured with the compensator of the microscope. The optical deformation constant of the layer material $\epsilon_o^{(1,0)} = 0.44 \cdot 10^{-3}$ was determined on a calibrated specimen in the form of a band, without an opening, subjected to pulling stress. There are 4 figures and 6 references: 4 Soviet-bloc and 2 non-Soviet-bloc. The two references to English-language publications read as follows: K. Kawata. J. Scient. Res. Inst., Tokio, 52, March (1958). F. Zandman and M.R. Wood. Product Engineering, v. 27, no. 9, September (1956).

ASSOCIATION: Institut mashinovedeniya Akademii nauk SSSR (Institute of Science of Machines of the Academy of Sciences USSR)

Card 4/5

PRIGOROVSKIY, N.I.; BOGDYL', P.T.

Method of optically sensitive layers for measuring deformations
on the surface of a part. Probl.proch.v mashinostr. no.8:5-43
'62. (MIRA 16:1)
(Photoelasticity) (Strains and stresses--Measurement)

BOGDYL', P.T.; PRIGOROVSKIY, N.I.

Apparatus for determining strains and stresses with the use of optically sensitive coatings. Zav.lab. 29 no.12:1492-1494 '63.
(MIRA 17:1)

L 1317-66 EWT(d)/EWT(m)/EWP(w)/EWA(d)/ENP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) NJW/

ACCESSION NR: AP5022173 JD/IN/EM

UR/0032/65/031/009/1116/1119
620.178.32

AUTHOR: Bogdyl', P. T.; Larionov, V. V.; Prigorovskiy, N. I.

TITLE: Method of studying elastic-plastic strains under repeated variable loads

SOURCE: Zavodskaya laboratoriya, v. 31, no. 9, 1965, 1116-1119

TOPIC TAGS: stress distribution, plastic deformation, elastic deformation

ABSTRACT: The article describes the application of the method of optically sensitive coatings to the study of elastic-plastic strains under repeated variable loads for local strains of up to 2% and numbers of cycles of the order of 1×10^3 . Methods of gluing the optically sensitive layer to the surface of the test piece were studied and various glues were tested in order to produce the required adhesion. A V96 alloy and an optically sensitive layer consisting of ED5M (epoxy resin ED5 with additives) were chosen for the study. It is found that in the range of the highest strains (1.7%), the values of the optical sensitivity of the layer to stresses and strains remain practically constant when the cycles are repeated and the load level is changed. The redistribution of strains and stresses in the zone of an aperture in the center of a plate of V96 alloy was studied under

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L 1317-66

ACCESSION NR: AP5022173

cyclic stretching and compression as a function of the number of cycles and load level. Failure occurred when the actual stresses reached the endurance curve of the alloy. Orig. art. has: 3 figures, 1 table, and 1 formula.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy institut mashinovedeniya
(State Scientific Research Institute of Mechanical Engineering)

SUBMITTED: 00

ENCL: 00

SUB CODE: AS

NO REF SOV: 005

OTHER: 000

Card

mlr
2/2

BOGDZYUNAS, A. [Bogdvziunas, A.]

Lightweight hoist for stripping reinforced concrete pipes.

Suggested by A. Bogdziunas. Rats. predl. 41:12 '59.

(MIRA 14:1)

(Hoisting machinery)

BOGEMSKAYA, E.A.

Calculating the electron distribution density in positively charged ions in statistical approximation with allowance for the first quantum correction. Izv. vys. ucheb. zav.; fiz. no.5: 186-187 '64. (MIRA 17:11)

1. Sibirskiy fiziko-tekhnicheskii institut pri Tomskom gosudarstvennom universitete imeni Kuybysheva.

L 8580-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP5021181

UR/0139/65/000/004/0134/0139

AUTHOR: ⁵⁵Konusov, V. P.; ⁵⁵Bogemskaya, E. A.

TITLE: Binding energy and elastic moduli of alkaline metals

SOURCE: IVUZ. Fizika, no. 4, 1965, 134-139 ⁵⁵27

58
56
B

TOPIC TAGS: alkali metal, electron density, nuclear binding energy, crystal lattice parameter, Hartree Fock method

ABSTRACT: The authors present a method of calculating the binding energy in alkaline metals, using a method in which the statistical approximation is regarded as a zeroth approximation of the single-electron approximation, the latter being represented in the form of an expansion in powers of Planck's constant h . Under such an assumption, the energy of the system can be represented as a certain functional of the density of the electrons comprising the system, so that the binding energy, the lattice constants, and the elastic moduli of the alkaline metals can be calculated by using this functional. The single-electron functions used in the calculations are obtained by the Hartree-Fock self-consistent field method. The results are found to be in good agreement with experiment. Comparison of theory with experiment is given for Na, K, Rb, and Cs. Orig. art. has: 22 formulas and 1 table.

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L 8580-66

ACCESSION NR: AP50211B1

ASSOCIATION: Sibirskiy fiziko-tekhnicheskiy institut imeni V. D. Kuznetsova
(Siberian Physicotechnical Institute) 2

SUBMITTED: 31Dec64

ENCL: 00

SUB CODE: GP, SS

NR REF SOV: 007

OTHER: 007

Card 2/2 pu

BOGOMSKIY, A.T.

Elements of study for practical exercises in the advanced mathematics
course. Trudy Tbilzht 25:317-325 '58. (MIRA 13:10)
(Mathematics--Study and teaching)

BOGEMSKIY, G.

Memories of the Eternal City. Vokrug sveta no.10:45-47 0 '55.

(Rome--Description) (MLRA 9:1)

~~BOGOMSKIY, G.D. [translator]; MAKHOV, A.B. [translator]; SEXUN, G.A.,~~
red.; PORYADINA, I.Z., red.; KHOMIAKOV, A.D., tekhn.red.

[Workers and technological progress; materials of the conference in the Gramshi Institute in Rome on June 29-30 and July 1, 1956 on "Technical and organizational transformations and changes in working conditions of Italian enterprises."] Trudiashchiesia i tekhnicheskii progress; materialy soveshchaniia v Institute im. Gramshi v Rime 29-30 iunია i 1 iulია 1956 g. po voprosu: "O tekhnicheskikh i organizatsionnykh preobrazovaniakh i izmeneniiakh v usloviakh truda na ital'ianskikh predpriatiakh." Moskva, Izd-vo inostr.lit-ry, 1959. 359 p. (Translated from the Italian)

(MIRA 13:1)

(Italy--Industries)

(Italy--Labor and laboring classes)

BOGEN; Otilia (Bucuresti)

Exercises and problems for the classes V-VIII; E: 1801.
Gaz mat B 13 no.3:175 Mr '62.

BOGENS, K.A.; PINSKER, A.N.

Cleaning of semicoke gas by means of electrostatic precipitators.
Gaz. prom. 6 no. 1:19-21 '61. (MIRA 14:1)
(Gases--Cleaning)

BOGENS, K.A.; PINSKER, A. Ye.

Preparation of low ash-content tar for electrode coke. Khim.i tekhn.
top.i masel 6 no.4:49-51 Ap '61. (MIRA 14:3)
(Coal tar) (Coke)

L 15985-66

EWT(1)/EWT(m)/T/EWP(e) IJP(c) WH

ACC NR: AP6005476

SOURCE CODE: UR/0368/66/004/001/0068/0070

AUTHOR: Bogens, R. K.; Zhukov, A. G.

ORG: none

TITLE: ^{21,44,55} Optical constants of fused quartz¹⁵ in the far infrared region 45
B

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 1, 1966, 68-70

TOPIC TAGS: quartz, refractive index, light absorption, IR absorption, IR spectrum

ABSTRACT: The transmission and reflection spectra for specimens of fused quartz of various thicknesses were measured in the 60-560 μ wavelength range. The resultant data were used for determining the indices of refraction (n) and absorption (k). The reflectance of a plate 25 mm thick was used for determining the index of refraction in the 50-90 μ wavelength range. In the 220-400 μ region the index of refraction was determined from the position of the maxima and minima in the interference transmission spectrum of a plate 0.258 mm thick. The data show a reduction in n from 2.07 in the 50 μ region to 1.94 at 90 μ . In the 220-400 μ region, n remains practically constant, varying from 1.89 to 1.92 with an average value of 1.91. The

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UDC: 535.312 2

L 15985-66

ACC NR: AP6005476

index of absorption was calculated from the coefficients of transmission for plates with thicknesses of 1.05, 2.03, 4.07 and 12.35 mm with regard to the values of the refractive index. A curve is given showing the index of absorption as a function of wavelength for fused quartz at room temperature. This curve shows a reduction in k from 0.0165 at 60 μ to 0.0038 at 560 μ . The transmission factor of fused quartz is independent of temperature in the 250-550 μ region. Orig. art. has: 2 figures, 2 tables.

SUB CODE: 20/ SUBM DATE: 12Feb65/ ORIG REF: 003/ OTH REF: 007

Card 2/2

USSR / Cultivated Plants. General Problems.

M-1

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24924

Author : Bogey, S. V

Inst : Not given

Title : Stubble Planting in the Region Around the Carpa-
thians

Orig Pub: Sots. tvarinnitstvo, 1956, No 6, 33-34 (Ukrainian)

Abstract: At the Dragobychskoye Experimental field the six year average (1950-1955) stubble crop yield which was sown after winter crops and harvested for grain comprised (in centners per hectare): a vetch and oats mixture 80.3, white vetch and oats 76.6, a pea and oat mixture 95.9, corn with peas 67.4, vetch and sunflower 83.4, turnips together with their leaves 100.2 High yields from these crops were also obtained at the Chernovitsy Experimental Station in 1949-1953. - P. N. Kizima

Card 1/1

BOGEYENKO, I.N.

Temperature control of the armature windings of large d.c.
machines of rolling mills. - Energ. i elektrotekh. prom. no. 4:
34-38 O-D '62. (MIRA 16:2)

1. Institut avtomatiki Gosplana UkrSSR.
(Electric motors, Direct current)

BOGEYN, G. P. Senior Technician, Relay Point, Kiev Central Telegraph Office.

"Use of an Undulator in Measuring the Corrective Qualities of Regenerative Relaying." Vestnik svyazi, No. 7, 1953, p 27.

Translation M-3,053,520

COUNTRY : ROMANIA H
 CATEGORY : Chemical Technology. Chemical Products and
 Their Uses. Part 2. Ceramics. Glass. Binding*
 RES. JOUR. : RZKhim., No. 1 1960, No. 2037
 AUTHOR : Mikul, A.; Boghian, V.; Boghian, A.
 INST. : Polytechnic Institute, Iasi
 TITLE : Study of the Resistance of Stabilized Cement-
 Soil Mixtures to Stretching
 ORIG. PUB. : Bul. Inst. politehn. Iasi, 1957, 3, No 3-4,
 293-298
 ABSTRACT : The dependence of the resistance to axial
 stretching (RAS) of samples from cement-soil
 mixtures upon the type of cement, its quantity,
 nature of the soil, conditions of preservation
 of samples, degree of humidity at the moment
 of testing and the age of samples, was investi-
 *Materials. Concrete. Binding Materials.
 Concretes, etc.

CARD: 1/3

H-53

COUNTRY :	
CATEGORY :	
ABS. JOUR. :	EZKhim., No. 1 1960, No. 2037
AUTHOR :	
INST. :	
TITLE :	
ORIG. PUB. :	
ABSTRACT cont'd :	gated. Experiments showed that, to a considerable degree, RAS depends on the proportioning of cement, particularly in those cases when its hardening takes place in a humid medium or water. When portland cement with active hydraulic additions is used, a higher RAS is observed than when portland cement of the same brand is applied. The optimal content of cement fluctuates within 16-24%. RAS in-
CARD:	2/3

COUNTRY :
CATEGORY :

ABS. JOUR. : RZKhim., No. 1 1960, No. 2037

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : increases with the age of samples, particularly
(cont'd) during the first period. The nature of the soil
noticeably influences the mechanical properties
of the stabilized cement-soil mixtures since,
unlike inert fillers (gravel, sand), it parti-
cipates in binding and exerts an influence upon
the process of setting and hardening of mix-
tures.-- Ya. Matlis

CARD: 3/3

U.S.S.R.

PAUNEL, Elis; CHELARESCU, Al., prof.; NICHITA, Orest; COTRUT, Gh.; MIHUL, Anatolie; BOGHIAN, Ariadna

Studies on the limestones of the Ripiceni-Prut region as building material. Studii fiz tehn Iasi 12 no.2:267-282 '61.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" -Filiala Iasi- (for Chelarescu).

COUNTRY : ROMANIA H
 CATEGORY : Chemical Technology. Chemical Products and
 Their Uses. Part 2. Ceramics. Glass. Binding*
 ABS. JOUR. : RZKhim., No. 1 1960, No. 2037
 AUTHOR : Mikul, A.; Boghian, V.; Boghian, A.
 INST. : Polytechnic Institute, Iasi
 TITLE : Study of the Resistance of Stabilized Cement-
 Soil Mixtures to Stretching
 ORIG. PUB. : Bul. Inst. politehn. Iasi, 1957, 3, No 3-4,
 293-298
 ABSTRACT : The dependence of the resistance to axial
 stretching (RAS) of samples from cement-soil
 mixtures upon the type of cement, its quantity,
 nature of the soil, conditions of preservation
 of samples, degree of humidity at the moment
 of testing and the age of samples, was investi-
 *Materials. Concrete. Binding Materials.
 Concretes, etc.
 CARD: 1/3
 H-53

COUNTRY :	
CATEGORY :	
ADS. JOUR. :	RZKhim., No. 1 1960, No. 2037
ABSTRACT :	
TEST :	
TITLE :	
ORIG. PUB. :	
ABSTRACT cont'd :	gated. Experiments showed that, to a considerable degree, RAS depends on the proportioning of cement, particularly in those cases when its hardening takes place in a hard medium or water. When portland cement with active hydraulic additions is used, a higher RAS is observed than when portland cement of the same brand is applied. The optimal content of cement fluctuates within 16-24%. RAS in-
CARD:	2/3

BOGHICI, A.

Powder metallurgy and its application in machinery construction. p. 79
(METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 9, no. 6, June 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957
Uncl.

BOGHICI, A.

The specialized I. C. Frigu Factory in Suceava. p. 725.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Technicienilor din Romania) Bucuresti, Rumania, Vol. 11, no. 8, Aug. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1950.

Uncl.

ABRUDAN, V., ing.; CIOBANU, M., ing.; PETRESCU, Gh., ing.; VILVOI, V.; IONESCU, C., ing.; KESTENBAUM, S.; FORRAI, St., ing.; FUCIU, Martian; NILA, Vasile, ing.; AROMINESEI, Alexandru; MORARU, Nicolae, ing.; BOGHICI, A.; SIMIONESCU, M.

Reduction of specific consumptions of metal. Probleme econ 17 no.12:137-141 D '64.

1. Technical Director, Arad Plant of Railroad Cars (for Abrudan). 2. Chief Technologist, Arad Plant of Railroad Cars (for Ciobanu). 3. Technical Director, "1 Mai" Plant, Ploiesti (for Petrescu). 4. Chief Planning Engineer, "1 Mai" Plant, Ploiesti (for Vilvoi). 5. Director, "Infratirea" Machine Tool Plant, Oradea (for Ionescu). 6. Assistant Chief Engineer, "Infratirea" Machine Tool Plant, Oradea (for Kestenbaum). 7. Chief Technologist, "Infratirea" Machine Tool Plant, Oradea (for Forrai). 8. Director, Arad Plant of Lathes (for Fuciu). 9. Chief Technologist, Arad Plant of Lathes (for Nila). 10. Chief Engineer, Arad Plant of Lathes (for Arominesei). 11. Technical Director, "Independenta" Plant, Sibiu (for Moraru). 12. Director, Sinaia Mechanical Plant (for Boghici). 13. Chief Engineer, Sinaia Mechanical Plant (for Simionescu).

1/1

RUMANIA

616.916-085.371

CAJAL, N., CEPLEANU, Maria, SORODOC, Yolanda, IONESCU, S.,
GARTNER, Magda, IANOPOL, Ligia, BOGHITOIU, Gh., FRIEDMAN, O.,
HULUTA, Liliana, and IONESCU, Doina, of the Institute of Infrac-
microbiology (Institutul de Infracrobiologie) of the Academy
of the Socialist Republic of Rumania (al Academiei Republicii
Socialiste Romania).

"Specific Prophylaxis in Measles. II. The Testing on Children
of a Vaccine Prepared with Modified Live Virus."

Bucharest, Studii si Cercetari de Infracrobiologie, Vol 17,
No 5, 66, pp 377-387.

Abstract: An anti-measles vaccine prepared with modified live
M60-5Huang virus was tested on 220 children. Only minor clinical
reactions resulted, with a complete absence of rashes or con-
vulsions. One month after vaccination serum conversion was 79.41
percent, and the titer of anti-measles hemagglutination-inhibiting
antibodies varied between 1/80 and 1/320. After 4 months the
corresponding values were 75 percent and 1/40 to 1/80. Thus the
vaccination seems to confer a specific immunity, which so far has
protected the vaccinated children against measles.

1/2

BOGIANOVA, Ye. V.

Relation between certain B-group vitamins in vitamin B₆ deficiency in dogs. Trudy ISGMI 50:70-74 '58.
(MIRA 12:1)

1. Kafedra propedeviki vnutrennikh zabolevaniy (sav. - prof. S.M. Ryss)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta i
Biologicheskaya laboratoriya Leningradskogo filiala Vsesoyuznogo nauchno-
issledovatel'skogo veterinarnogo instituta.

(VITAMIN B₆ DEFICIENCY, experimental

eff. on tissue content of various B-group vitamins in dogs
(Rus))

(VITAMIN B COMPLEX, metabolism

tissue content of various B-group vitamins in exper. vitamin
B₆ defio. in dogs (Rus))

DYMARSKIY, L.Yu.; DIL'MAN, V.M.; ZALESSKAYA, L.I.; ZIV, M.A.; BOGIBOV,
Ye.A.; PAVLOVA, M.V.

Combined hormone and chemotherapy and radiotherapy of far
advanced breast cancer. Vop. onk. 9 no. 7:44-52 '63.

(MIRA 16:12)

1. Iz Instituta onkologii AMN SSSR (nauchnyy rukovoditel' raboty
chlen-korrespondent AMN SSSR prof. S.A. Kholdin). Adres avtorov:
Leningrad, P-129, Institut onkologii AMN SSSR.

11(2)

YUG/1-59-1-30/76

AUTHOR: Bogić, Vojislav, Doctor of Engineering, Chief
~~Analyst (Beograd)~~

TITLE: Production and Consumption of Natural Gas in Some
European Countries

PERIODICAL: Tehnika, 1959, Nr 1, pp 110-114 (YUG)

ABSTRACT: The article summarizes the figures and statistics
for the production and consumption of natural gas in
various European countries (including the USSR,
Poland and Rumania) in recent years and indicates
the future production and consumption prospects.
There are 10 tables and 3 French references.

ASSOCIATION: "Mašinoprojekt," Beograd

SUBMITTED: March 26, 1958

Card 1/1

32(3)

YUG/1-59-1-51/67

AUTHOR: Bogić, V., Doctor

TITLE: West German and British Railroads are Eliminating
the Deficit by Modernizing Their Systems

PERIODICAL: Tehnika, 1959, Nr 1, pp 147-148 (YUG)

ABSTRACT: The article describes the steps taken by West German
and British railroad authorities to modernize rail
transport. The data for this article were taken
from the English periodical "The Economist", 1958,
Nr June.

Card 1/1

BOGICEVIC, D.; NESKOVIC, S.; JEFTOVIC, Z.

Extrapyramidal phenomena in epilepsy. Neuropsychiatria 11 no.2:
191-197 '63.

1. Iz Neuropsihijatrijskog odeljenja Bolnice "Dr. Dragisa Misovic"
Beograd (Sef: Prim. dr. V. Klajn).

RADOJICIC, Borivoje; BOGICEVIC, Djordje

~~Modern concepts of pathogenesis and principles of the treatment~~
Modern concepts of pathogenesis and principles of the treatment
of cerebral hemorrhage. Srpski arh. celok. lek. 83 no.10:1142-
1149 Oct 55.

1. Neuropsihijatrijska klinika Medicinskog fakulteta u Beogradu.
Upravnik: prof. dr. Uros Jekic.

(CEREBRAL HEMORRHAGE,
pathogen. & ther. (Ser))

RADOJICIC, Borivoje; BOGICEVIC, Djordje

Value of aminophylline in the treatment of cerebral hemorrhage.
Srpski arh. celok. lek. 83 no.11:1269-1274 Nov 55.

1. Neuropsihijatrijska klinika Medicinskog fakulteta u Beogradu.

Upravnik: prof. dr. Uros Jekic.

(CEREBRAL HEMORRHAGE, ther,
aminophylline, value. (Ser))

(ANINOPHYLLINE, ther. use,
cerebral hemorrh., value. (Ser))

BOGICHEVICH

YUGOSLAVIA/Pharmacology, Toxicology. Tranquilizers

7-1

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23196

Author : Bogichevich, Velichkovich, Stanoev*

Inst : ~~Not Given~~

Title : Methods and Initial Results of Schizophrenia Treatment with Serpasil

Orig Pub : Srpski arhiv tselok. lekar., 1957, 85, No 3, 283-292

Abstract : No abstract

*Bogicevic, Djordje; VELICKOVIC, Radmila; STANOJEV, Mara;

1. Psihijatriska bolnica u Kovinu, Upravnik: Dr. Sava Vuckovic.

Card : 1/1

BOGICEVIC, Djordje

Use of reserpine in psychiatry. Srpski arh. celok. lek. 85
no.4:440-455 Apr 57.

1. Psihijatrijska bolnica u Kovinu. Upravnik: dr. Sava Vukovic.

(RESERPINE, ther. use
ment. disord. (Ser))

(MENTAL DISORDERS, ther.
reserpine (Ser))

VUCKOVIC, S.; BOGICEVIC, D.; POLJAKSIC, J.

Amyotrophia neuralis progressiva (morbus Charcot-Marie-Tooth).
Observations on 5 generations in one family. Neuropsihijatrija
7 no.4:297-301 '59.

1. Iz psihijatrijske bolnice u Kovinu (Upravnik: Dr. Sava Vuckovic).
(MUSCULAR ATROPHY genetics)

BOGICEVIC, D.; POLEKSIC, J.; VUCKOVIC, S.

Leucotomy yesterday and today. Neuropsihijatrija 10 no.1/2:70-80
'62.

1. Psihijatrijska bolnica u Kovinu (Upravnik: Prim. dr. Sava Vuckovic).
(PSYCHOSURGERY)

S

POLEKSIC, J.; VUCKOVIC, S.; BOGICEVIC, Dj.; JOANOVIC, T.; LALEVIC, P.

Modern active psychiatric therapy of tuberculous mental patients.
Neuropsihijatrija 11 no.1:97-101 '63

1. Psihijatrijska bolnica u Kovinu; upravnik: prim dr. S. Vuckovic.

*

BOGICEVIC, Lilijana; JOKANOVIC, Dobrić; STUIAR, Petar

Fatal cases of magnesium sulfate poisoning in the treatment of
taeniasis. Srpski arh. celok. lek. 89 no.12:1413-1423 D '61.

1. Institut za sudsku medicinu Medicinskog fakulteta Univerziteta u
Beogradu Upravnik: prof. dr Lilijana Bogicevic.

(TAPEWORM INFECTION ther)
(MAGNESIUM SULFATE toxicol)

BOGICEVIC, J., prof., dr; MICIC, S., dr.

Deficiencies in the expertise of the cadaver and its examination.
Med. glas. 15 no.12/12a:439-441 D '61.

1. Institut za sudsku medicinu Medicinskog fakulteta u Beogradu (Uprav-
nik: prof. dr J. Bogicevic)

(AUTOPSY jurisprudence)

BOGICEVIC, Mihajlo, inz.

Design and execution of isolated sections of railroad stations.
Zeleznice Jug 20 no. 2:26-30 '64.

BOGIDAYEVA, M.V.

Ospa-Kitoy massif of ultrabasites (Eastern Sayan). Trudy
Vost.-Sib.fil. AN SSSR no.16:5-50 '61. (MIRA 14:7)
(Sayan Mountains--Ultrabasites)

BOGICEVIC, Mihajlo, inz.

Testing full-lens signaling lamps. Zeleznice Jug 19 no.9:
1-11 S '63.

TKACHEV, V.V.; LEYCHENKO, I.Ya.; OGANESOV, V.N.; ONISHCHENKO, I.S.;
NELIDOV, V.A.; SERKACHEV, O.V.; BOGIN, A.M.

Using separator mills in making cements of various specific
surface areas. TSement 26 no.2:13-20 Mr-Ap '60.
(MIRA 13:6)

(Cement) (Milling machinery)

BOGIN, G.I.

Psychological problems of student translations. Vop. psikh. 11
no.1:139-142 Jan-F '65. (MIRA 18:4)

1. Bashkirskiy gosudarstvennyy universitet, Ufa.

BENENSON, G.M.; BOGIN, G.M.

New wholesale price list on lumber and the planning of forest transportation.
Les.prom. 14 no.6:28-30 Je '54. (MLBA 7:6)
(Lumber--Prices) (Lumber--Transportation)

(

S/084/60/000/03/073/083
DO47/DO02

AUTHOR: Bogin, I. Engineer

TITLE: A Stand for Testing Radio Equipment

PERIODICAL: Grazhdanskaya aviatsiya, 1960, Nr 3, p 34 (USSR)

ABSTRACT: This is a description of the purpose of the new USR-3,²¹ stand, which is an improved version of the USR-2, produced at a plant headed by V. Sychev. Both stands are used for testing aircraft radio equipment. ✓

Card 1/1

BOGIN, Lev Minayevich; ZHUKOV, Yuriy Vladimirovich; KUZNETSOV, A.T.,
red.; ~~TURETSKIY~~, Sh.Ya., red.; GLAZUNOVA, V.V., red.;
BABICHEVA, V.V., tekhn.red.

[Retail furniture prices] Roznichnye tseny na mebel'. Pod
red.A.T.Kuznetsova i Sh.IA. Turetskogo. Moskva, Gos.izd-vo
torg.lit-ry, 1960. 71 p. (MIRA 13:4)
(Furniture--Prices)

BOGIN, L.O., polkovnik meditsinskoy sluzhby, professor

Physiological and hygienic rating of the role of clothing in
protection from cold. Voen.-med.zhur. no.10:52-57 0 '55.
(CLOTHING AND DRESS) (MLRA 9:10)
(COLD--PHYSIOLOGICAL EFFECT)

BOGIN, M.B.

Graphicoanalytical method for determining optimum structural dimensions of a plate-type heat exchanger. Avt. prom. 31 no.8:10-13
Ag '65. (MIRA 18:8)

1. Moskovskiy avtomekhanicheskiy institut.

ACC NR: AP7006714

(A)

SOURCE CODE: UR/0113/66/000/012/0008/0011

AUTHOR: Il'skiy, V. L. (Candidate of technical sciences); Bogin, M. B. (Candidate of technical sciences)

ORG: Moscow Automechanical Institute (Moskovskiy avtomekhanicheskiy institut)

TITLE: Hydraulic resistances in the air channel of a heat exchanger as a function of the configuration of the circulating section

SOURCE: 'Avtomobil'naya promyshlennost', no. 12, 1966, 8-11

TOPIC TAGS: heat exchanger, gas turbine engine, hydraulic resistance, fluid flow, plane flow

ABSTRACT: The authors study hydraulic drag in individual sections of the air channel of the heat exchanger for automotive gas-turbine engines. The experimental method is based on introducing a dye into a plane-parallel fluid flow for visual observation of stream lines. The accompanying figure shows the experimental installation which consists of plate holder I, pump unit, device II for pressure feeding the dye into the flow being studied, panel III with measuring instruments (mercury manometer and nine piezometers), a device for measuring rate of flow by the volumetric method and an attachment for taking photographs. Water is used as the working medium at a temperature of 13-14°C (kinematic viscosity 0.0115 cm²/sec). Rate of water flow was varied from 7 to 70 cm³/sec. Hydraulic resistance in individual sections of the channel was

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UDC: 621.43:129.113:62-714

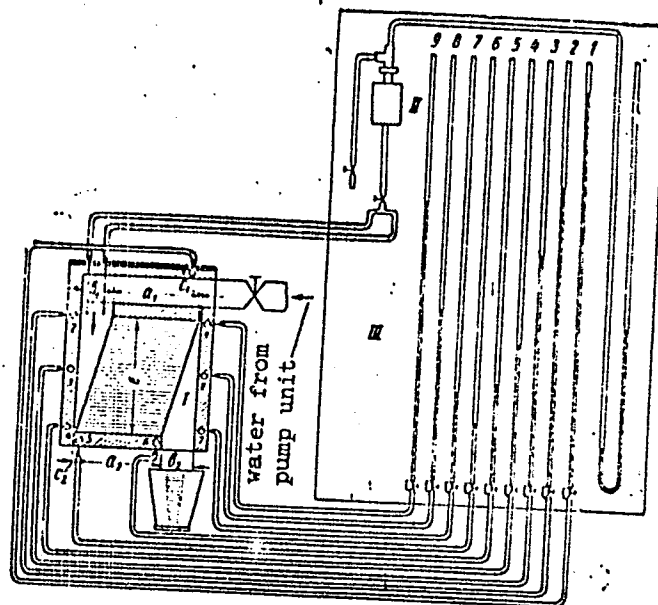
ACC NR: AP7006714

determined from the difference in the readings of the respective piezometers. The ratio of the total head to the average velocity head in the channels of the corrugated plate was taken as the criterion for evaluating hydraulic resistance of the heat exchanger. The velocity field in the circulating section of the heat exchanger was analyzed from photographs of the configuration and relative positions of the stream lines shown by the liquid dye. The proposed method was found to be simple and effective. The lowest hydraulic resistances in the circulating section of the heat exchanger correspond to uniform distribution of the flow with respect to the channels of the corrugated plate. Flow conditions during input from the supply channel to the channels of the corrugated plate differ considerably from conditions during outlet of the fluid into the discharge channel with identical average velocities at inlet and outlet. Losses in the discharge channel are considerably greater than in the supply channel. As the Reynolds number increases, the drag coefficient which is common for the entire heat exchanger decreases. This reduction becomes more pronounced with an increase in the delay of flow turbulence in individual parts of the circulating section. As the velocity field in the discharge channel becomes more uniform, retardation in flow turbulence increases. Turbulence may be delayed to a Reynolds number of 1700 when the flow is well organized (dimensions of supply and discharge channels in mm [see figure]: $l=120$, $a_1=70$, $b_1=35$, $c_1=10$, $a_2=83$, $b_2=42$, $c_2=1$). Flow turbulence in the discharge channel takes place earlier than in the supply channel due to the transverse velocity of the fluid leaving the channels of the corrugated plate. Hydraulic losses

Card 2/3

ACC NR: AP7006714

in the air channel of a heat exchanger may be minimized by equalizing the velocity field. This may be achieved by using a corrugated plate with a trapezoidal shape and by a relative reduction of the average velocities in the supply and discharge channels as compared with the velocities in the channels of the corrugated plate. Orig. art. has: 4 figures, 2 tables, 4 formulas.



SUB CODE: 13/ SUBM DATE: None

Card 3/3

S/138/59/000/011/010/011
A051/A029

AUTHORS: Bogina, L. L.; Martuyukhina, I. P.

TITLE: On the Photocolorimetric Determination of Cobalt in Rubbers
Using Nitroso-R-Salt

PERIODICAL: Kauchuk i Rezina, 1959, No. 11, pp. 58-59.

TEXT: The authors outline the principle of the photocolorimetric method for determining cobalt in rubber using nitroso-R-salt: the nitroso-R-salt forms a complex compound of reddish color, soluble in water, i.e., sodium 1-nitroso-2-naphthol-3,6-disulfonate, reacting with cobalt in a medium close to neutral or weakly alkaline. An acetate medium is the most favorable one for the formation of the complex compound at pH = 7-8. The excess acidity slows up the process of the complex compound formation. The presence of the following metals do not interfere with the cobalt determination: Al, Fe, Mn, Zn, Ca, Mg, Cu, Ni, Pb, Ti, etc. Some of these metals do not react with the nitroso-R-salt at all, such as Al, Zn, Ca, Mg, Pb, The colorimetric analysis was carried out on a Φ K-M (FEK-M) instrument. The green light filter, so that the complex solutions of the cobalt

S/138/59/000/011/010/011
A051/A029

On the Photocolorimetric Determination of Cobalt in Rubbers Using Nitroso-R-Salt

absorb the light intensively, whereas the solution of the nitroso-R-salt hardly absorbs light at all and the colored solutions of the cobalt complex obey Beer's law. The laboratory procedure for obtaining the data (Table 1) on the optical density average values is outlined. A calibrated curve is plotted according to these data. The cobalt concentration is measured in mg/100ml. The formula for computing the cobalt content is given as: % Co = $\frac{c \cdot 500 \cdot 100}{g \cdot 1000 \cdot n}$, where c is the cobalt quantity found according to the

calibrated curve, in mg; g is the rubber portion, in g; 1000 the coefficient of transforming the mg to g; n is the quantity of solution, transferred from the measuring flask with a capacity of 500 ml to a measuring flask with a capacity of 100 ml (10, 15, 25 ml). Table 2 gives the results of the cobalt determination in chemically pure compounds, in mg. If the content of cobalt is over 0.5%, the above formula is changed to: % Co = $\frac{c \cdot 500 \cdot 100 \cdot 100}{g \cdot 1000 \cdot 25 \cdot n}$,

where n is the quantity of solution transferred from solution II into a measuring flask with a 100 ml capacity for colorimetric analysis (10, 15,

Card 2/3

S/138/59/000/011/010/011
A051/A029

On the Photocolorimetric Determination of Cobalt in Rubbers Using Nitroso-
-R-Salt

25 ml). The margin of error in the cobalt determination fluctuates between
- 0.0002 to + 0.0005 for a cobalt content less than 0.1 mg, and between
- 0.0006 to + 0.0013 mg for a cobalt content over 0.1 mg. These results
are considered satisfactory. Table 3 shows that the results obtained by
the photocolorimetric method coincide with the computed values of cobalt
content determination in rubber. The photocolorimetric method for deter-
mining the cobalt content in rubber using the nitroso-R-salt is highly
sensitive, accurate and simple to perform. The duration of one analysis,
not considering the ashing of the rubber portion, is 1.5 to 2 hours. The
reagents are easily obtainable. There are 3 tables and 5 Soviet references.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promyshlennosti
(Scientific Research Institute of the Rubber Industry)

Card 3/3

BOGIN, N.I., vrach (Moskva)

Diseases of metabolism. Med. sestra 15 no.2:15-19 7 '56 (MLRA 9:4)
(DIABETES) (GOUT)

BOGIN, N. M.

POPOV, N.A.; BOGIN, N.M.

[The production and use of earth blocks] Proizvodstvo i primeneniye gruntoblokov. Moskva, Akademiya arkhitektury SSSR, 1945
113 p. (MLRA 7:5)

(Building materials)

BOGIN, N.M., kandidat tekhnicheskikh nauk.

~~Machine for molding blocks of lightweight concrete.~~ Mekh. stroi.
4 no.4:7-9 Ap '47. (MLRA 9:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut MPSoobahcheniya.
(Concrete blocks)

BOGIN, N.M., kandidat tekhnicheskikh nauk.

1947-1948

Using impact vibrators in producing concrete products. Mekh. stroi.
4 no.6:16-20 Je '47. (MLRA 9:2)

1.Nauchno-issledovatel'skiy institut Ministerstva putey soobshcheniya.
(Concrete)

BOGIN, N. M.

32439. BOGIN, N. M.; KOLOMETETS, A. V. i SHERETSIS, A. A. Eksperimental'noye
stroitel'stvo shlakobetonogo doma. Materialy i k. struktsii v sovr. arkhitekture,
No. 3, 1949, s. 108-20.

SO: Letopis Zhurnal'nykh Statey, Vol. 44

BOGIN, N.M.

35241

Spetsial'nye Metody Uplotneniya Betona. Trudy IV Vsesoyuz. Konf-Tsii

Po Betonu i Zhelezobeton. Konstruktsiyam. Ch. I. M. *L., 1949, s. 195-210

SO: Letopis'Zhurnal'nykh Statey Vol. 34, Moskva, 1949

BOGIN, N.M.

Grouting hollow slag-concrete blocks
Biul. stroi. tekhn. 9 no. 6, 1952

BOGIN, N.M., kandidat tekhnicheskikh nauk.

**Latticed reinforced concrete poles for overhead contact systems
and electric power transmission lines. Biul. stroi. tekhn. 10
no.4:15-18 F '53. (MLRA 6:12)**

**1. Vsesoyuznyy nauchno-issledovatel'skiy institut shelesnodorozhnogo
stroitel'stva Ministerstva putey soobshcheniya. *transportation*
(Electric lines--Poles)**

BOGIN, N.M., kandidat tekhnicheskikh nauk

Reinforced concrete poles for contact systems. Bet. 1 zhsl.-bet
no.2:52-56 My '55. (MIRA 8:9)
(Electric railroads--Wires and wiring)
(Electric Lines--Poles)

BOGIN, N.M., kandidat tekhnicheskikh nauk.

Bolt clamps for reinforcements used in prestressed wire concrete
elements. Transp. stroi. 5 no. 10:25-26 D '55. (MLRA 9:3)
(Prestressed concrete)

BOGIN, N.M., kandidat tekhnicheskikh nauk; VOSTROKNEUTOV, V.D., inzhener

Mechanization of reinforcement work in the manufacture of wire-
mesh concrete elements. Bet. i zhel.-bet. no.6:211-215 S '55.
(Reinforced concrete) (MLRA 8:9)

BOGIN, N.M., kandidat tekhnicheskikh nauk

Wide-base latticed reinforced concrete electric line poles. Trudy
TSNIS no.14:5-19 '55. (MIRA 8:11)
(Electric lines--Poles)

Bogin N.M.
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RENESHEVICH, I.I.----(continued) Card 2.

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 (Continued on next card)

BENESHEVICH, I.I.--- (continued) Card 3.

nauk, redaktor; MARKOV, M.V., inzhener, redaktor; KALININ, V.K.,
inzhener, redaktor; STEPANOV, V.N., professor, redaktor; SIDOROV, N.I.,
inzhener, redaktor; GIRONIMUS, B.Ye., kandidat tekhnicheskikh nauk,
redaktor; ROBEL', R.I., otvetstvennyy redaktor

[Technical reference manual for railroad engineers] Tekhnicheskii
spravochnik zheleznodorozhnika. Moskva, Gos. transp.zhel-dor. izd-vo.
Vol.10. [Electric power supply for railroads] Energosnabzhenie zhelez-
nykh dorog. Otv.red. toma K.G.Markvardt. 1956. 1080 p. Vol.13.
[Operation of railroads] Eksploatatsiya zheleznykh dorog. Otv. red.
toma R.I.Robel'. 1956. 739 p. (MLRA 10:2)

1. Gblen-korrespondent Akademii nauk SSSR (for Petrov)
(Electric railroads) (Railroads--Management)

BOGIN, N.M., kandidat tekhnicheskikh nauk.

Controlling the size of prestressed reinforcements in the production
of wire-reinforced elements. Bet. 1 zhel.-bet. no.3:96-99 Mr '56.
(Prestressed concrete) (MIRA 9:7)

SHESTOPEROV, S.V., doktor tekhnicheskikh nauk; ~~BOGIN, N.M.~~, kandidat tekhnicheskikh nauk; IVANOV, G.S., inzhener; LUKICHEV, N.A., inzhener; DAVYDOV, L.S., inzhener; GROMOV, V.S., inzhener; POPOV, N.A., inzhener; ZHU-RAVLEV, G.M., master.

Vibrators for making wire reinforced ties on stands. Transp.stroi. 6
no.3:12-14 Mr '56. (MLRA 9:7)
(Railroads--Ties, Concrete)

BOGIN, N.M.

BOGIN, N.M., kandidat tekhnicheskikh nauk.

Jacks for an automatic adjustment of the stressing of wires in
manufacturing prestressed reinforced elements. Stroi, 1 dor.
mashinostr. 2 no.4:23-26 Ap '57. (MLRA 10:6)
(Hydraulic jacks) (Prestressed concrete)

BOGIN, Naum Markovich, :kand. tekhn. nauk.; DISSON, P.S., inzh.;
dets. RUDENKO-MORGUN, I.Ya., kand. tekhn. nauk, nauchnyy red.; GUREV,
Yu. S., red. izd-va.; EL'KINA, E.M., tekhn. red.

[Reinforced concrete supports for overhead lines] . Zhelezobetonnye
opory vozdukhnykh lini. Moskva, Gos. izd-vo lit-ry po stroit.,
arkhit. i stroit. materialam, 1958. 193 p. (MIRA 11:10)
(Electric lines--Poles)

SOV/97-58-8-10/13

AUTHOR: Bogin, N.M., Candidate of Technical Sciences

TITLE: Controlling the Magnitude of the Stresses in Reinforcement
Tensioned on Formwork During Casting of Constructions
(Kontrol' velichiny usiliya v armature pri izgotovlenii
konstruktsiy s natyazheniyem na upory)

PERIODICAL: Beton i Zhelezobeton, 1958, Nr 8, pp 311 - 313 (USSR)

ABSTRACT: The SN 10-57 gives instructions on design of pre-cast pre-stressed reinforced concrete constructions, taking into account losses caused by friction during tensioning of both bent as well as straight reinforcement. This handbook gives magnitude of friction coefficients. Various aspects of losses in tensioning of reinforcement are investigated and their respective formulae are given. Figure 1 shows diagram of stress dispersion along the lengths of reinforced element. Due to the effect of friction, the characteristic shape of prolongation of reinforced element occurs (Figure 2). To define characteristic friction, results of three friction measurements are taken into account. Further friction calculations are taken during each stage and so the mean value of the friction is ascertained. The measurements should be

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